

# BookletChart™

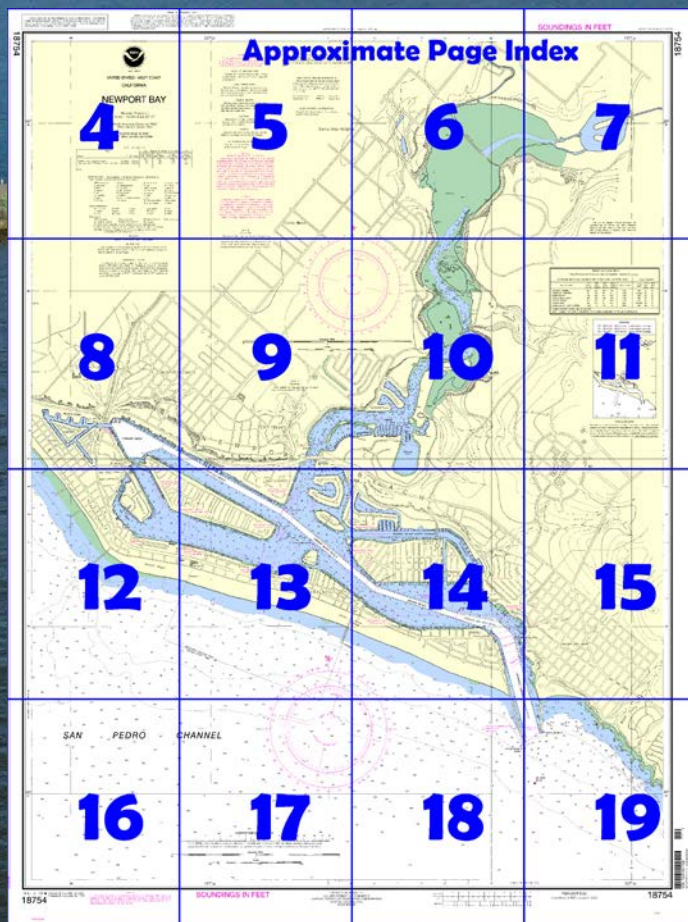
## Newport Bay NOAA Chart 18754



*A reduced-scale NOAA nautical chart for small boaters*  
*When possible, use the full-size NOAA chart for navigation.*



- Complete, reduced-scale nautical chart
- Print at home for free
- Convenient size
- Up-to-date with Notices to Mariners
- Compiled by NOAA's Office of Coast Survey, the nation's chartmaker



**Published by the  
National Oceanic and Atmospheric Administration  
National Ocean Service  
Office of Coast Survey  
[www.NauticalCharts.NOAA.gov](http://www.NauticalCharts.NOAA.gov)  
888-990-NOAA**

**What are Nautical Charts?**

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

**What is a BookletChart™?**

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

**Notice to Mariners Correction Status**

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at <http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=18754>.



**(Selected Excerpts from Coast Pilot)  
Newport Bay**, 64 miles NW of Point Loma, is an extensive lagoon bordered on the seaward side by a 3-mile sandspit. The bay is an important yachting and sport fishing center, and offers excellent anchorage for large yachts and small craft under all weather conditions. The city of **Newport Beach** embraces the districts of **Newport** and **Balboa**, on the sandspit, and **Corona del Mar**, E of the entrance.

**Prominent features.**—The numerous

houses and buildings along the beach and on the hills back of the bay

are prominent from seaward. The tall office buildings at the Newport Center, 1.4 miles N of the harbor entrance, are the most conspicuous. The memorial hospital building, 0.3 mile N of the turning basin, and the light-colored concrete school buildings on the high ground 1 mile back from the beach are also conspicuous.

The entrance to Newport Bay is between jetties 275 yards apart with lights at their outer ends. A sound signal is at the W jetty light. The sound signal can be activated upon request to the Coast Guard by radiotelephone VHF-FM channel 16. A lighted bell buoy is off the entrance.

A **111°37'–291°37' measured nautical mile** is in San Pedro Channel, about 1.3 miles W of the entrance to Newport Bay. The E range is marked in front by a daymark on an 800-foot pleasure pier and in the rear by a daymark on shore at Balboa Beach. The W range is marked by daymarks on shore at Newport Beach. Another 950-foot pleasure pier is 2.8 miles NW of the W jetty.

**Channels.**—A **Federal project** provides for a 20-foot main channel from the entrance to a turning basin of the same depth NW of Lido Isle and a 10-foot Balboa Island North Channel extending N from the entrance along the E and N sides of Balboa Island. (See Notice to Mariners and latest editions of charts for controlling depths.)

**Anchorage.**—Special anchorages are in Newport Bay. (See **110.1, 110.95, and 110.212**, chapter 2, for limits and regulations.) Assignments are made by the harbormaster.

**Dangers.**—A **speed limit** of 5 mph in Newport Bay has been established by the Orange County Harbors, Beaches, and Park District. The upper reaches of the bay are extremely shoal and have been closed by the Health Department because of contamination.

**Harbor regulations.**—The Orange County Harbors, Beaches, and Parks District controls the movement and berthing of vessels under the direction of a harbormaster, who has an office on the E side of the bay about 0.8 miles from the entrance. Patrol and assistance craft operate from the harbor office on a 24-hour basis. The harbor office may be contacted by telephone 949-723-1002 or VHF-FM channels 12 and 16. The patrol boats monitor VHF-FM channel 16.

**U.S. Coast Guard Rescue Coordination Center  
24 hour Regional Contact for Emergencies**

RCC Alameda      Commander  
11<sup>th</sup> CG District      (510) 437-3700  
Alameda, CA



# Navigation Managers Area of Responsibility



**NOAA's navigation managers** serve as ambassadors to the maritime community.

They help identify navigational challenges facing professional and recreational mariners, and provide NOAA resources and information for safe navigation. For additional information, please visit [nauticalcharts.noaa.gov/service/navmanagers](http://nauticalcharts.noaa.gov/service/navmanagers)

To make suggestions or ask questions online, go to [nauticalcharts.noaa.gov/inquiry](http://nauticalcharts.noaa.gov/inquiry).

To report a chart discrepancy, please use [ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx](http://ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx).

## Lateral System As Seen Entering From Seaward

on navigable waters except Western Rivers



For more information on aids to navigation, including those on Western Rivers, please consult the latest USCG Light List for your area.

These volumes are available online at <http://www.navcen.uscg.gov>



54'

53'

#### POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

#### NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Los Angeles, CA	KWC-37	162.550 MHz
Santa Ana, CA	WWG-21	162.450 MHz

#### NOTE K

MARINER ACTIVATED SOUND SIGNAL (MRASS)

Horn is activated by keying the mic 5 times on VHF-FM Ch 81A-horn will operate for thirty minutes.

#### NOTE Z

NO-DISCHARGE ZONE, 40 CFR 140

Under the Clean Water Act, Section 312, all vessels operating within a No-Discharge Zone (NDZ) are completely prohibited from discharging any sewage, treated or untreated, into the waters. All vessels with an installed marine sanitation device (MSD) that are navigating, moored, anchored, or docked within a NDZ must have the MSD disabled to prevent the overboard discharge of sewage (treated or untreated) or install a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA) web site: [http://www.epa.gov/owow/oceans/regulatory/vessel\\_sewage/](http://www.epa.gov/owow/oceans/regulatory/vessel_sewage/).

#### NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 7. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 11th Coast Guard District in Alameda, California or at the Office of the District Engineer, Corps of Engineers in Los Angeles, California.

Refer to charted regulation section numbers.

Santa Ana Heights

Costa Mesa

Joins page 9

Joins page 6

This BookletChart was reduced to 75% of the original chart scale. The new scale is 1:13333. Barscales have also been reduced and are accurate when used to measure distances in this BookletChart.

55'

54'

**WARNING**

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

**AIDS TO NAVIGATION**

Consult the U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

**RADAR REFLECTORS**

Radar Reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

**CAUTION**

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

**CAUTION**

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

**CAUTION****SUBMARINE PIPELINES AND CABLES**

Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:



Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging or trawling.

Covered wells may be marked by lighted or unlighted buoys.

**NOTE B  
CAUTION**

No person shall operate, drive or navigate any vessel powered by an engine through the channel lying between Bay Island and the Peninsula from June 1st through September 15th of each year. Newport Beach Municipal Code, Section 10156.1.

**SUPPLEMENTAL INFORMATION**

Consult U.S. Coast Pilot 7 for important supplemental information.

**HORIZONTAL DATUM**

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.071" northward and 3.202" westward to agree with this chart.

**POLLUTION REPORTS**

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Refer to charted regulation section numbers.

Santa Ana Heights

Costa Mesa

Joins page 10

Joins page 5

6

Note: Chart grid lines are aligned with true north.

Printed at reduced scale. —SCALE 1:10,000—

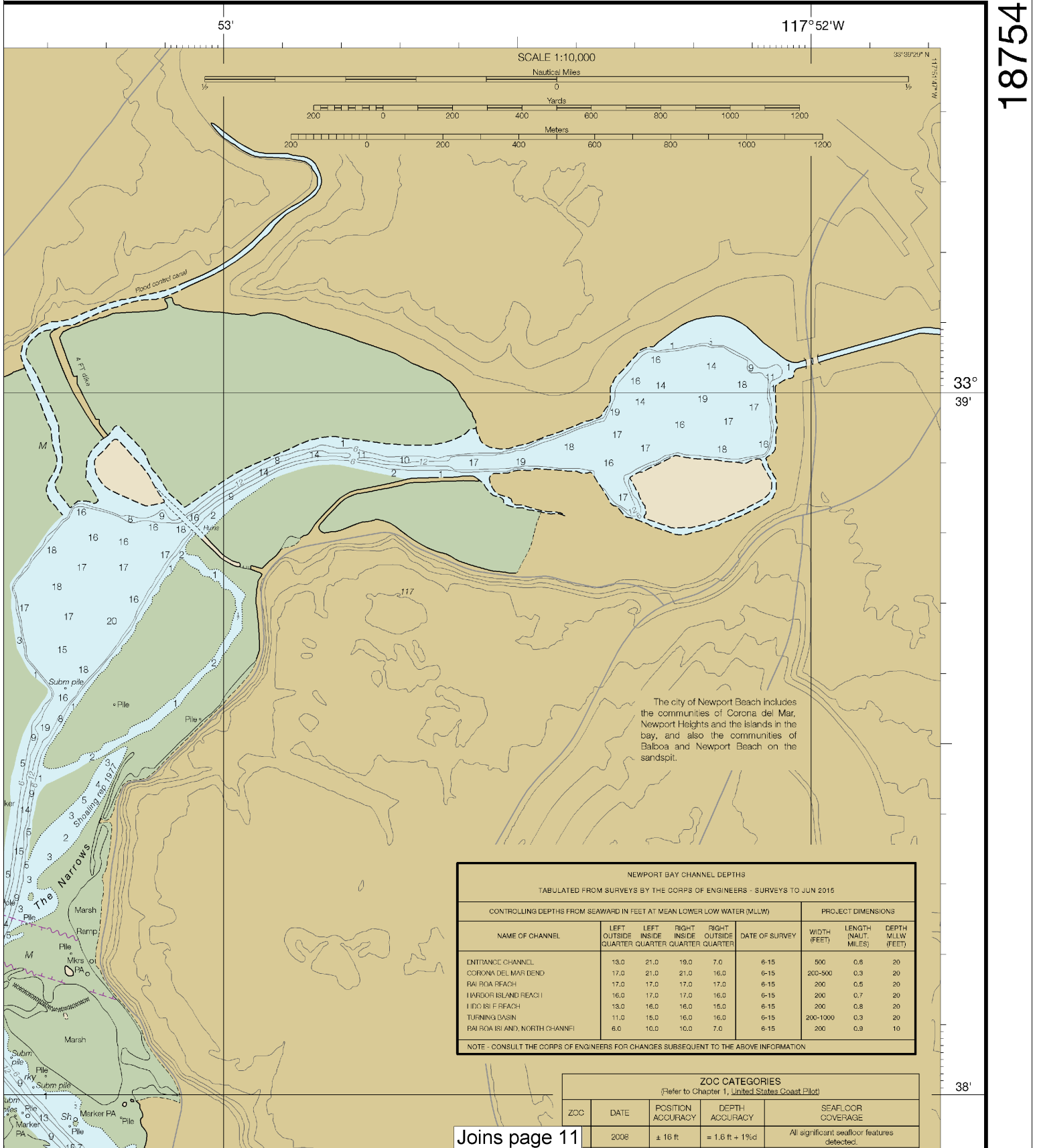
Nautical Miles

See Note on page 5.

0  
Yards  
200 0 200 400 600 800 1000 1200

# SOUNDINGS IN FEET

18754



20th Ed., Apr. 2016. Last Correction: 12/2/2016. Cleared through:  
LNM: 4816 (11/29/2016), NM: 5016 (12/10/2016)

7

Miscellaneous:

AUTH: authorized

ED: existence doubtful

21: Wreck, rock, obstruction, or shoal swept clear to the depth indicated.

(2): Rocks that cover and uncover, with heights in feet above datum of soundings.

COLREGS: International Regulations for Preventing Collisions at Sea, 1972.

Demarcation lines are shown thus: — — — — —

HEIGHTS

Heights in feet above Mean High Water.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

SUPPLEMENTAL INFORMATION  
Consult U.S. Coast Pilot 7 for supplemental information.

HORIZONTAL DATUM

The horizontal reference datum of North American Datum of 1983 (NAD 83) for charting purposes is considered to the World Geodetic System 1984. Geographic positions referred to American Datum of 1927 must be averaged of 0.071" northward, westward to agree with this chart.

38'

PORT

NEWPORT HEIGHTS

Hospital

The Arches

BALBOA COVES

OLD PARK AD

AUTH CL 46 FT

NEWPORT I

FIXED BRIDGE

FIXED BRIDGE

100' CL 40 FT

VERT CL 8 FT

TURNING BASIN

FIXED BRIDGE

100' CL 50 FT

VERT CL 14 FT

Dolls

NEW

37'

8

7

4

16

19

S

22

13

24

Joins page 12

SPECIAL ANCHORAGE

170.95 (see note A)

LIDO ISLE

SPECIAL ANCHORAGE

150.95 (see note A)

LIDO ISLE REACH

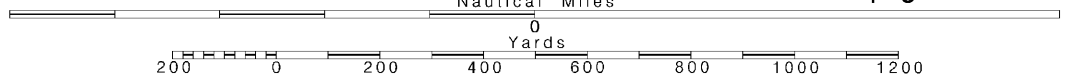
8

Note: Chart grid lines are aligned with true north.

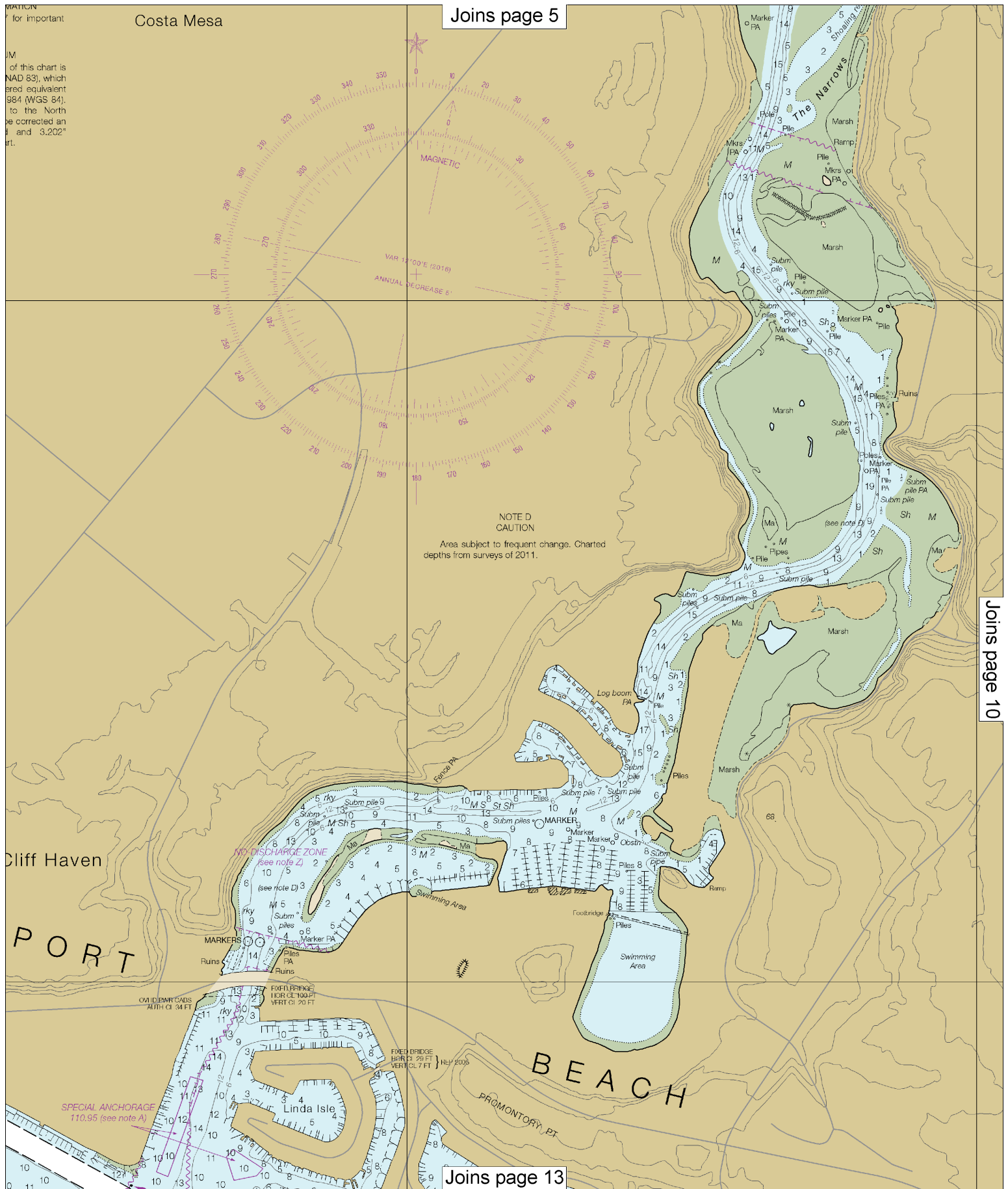
Printed at reduced scale.

SCALE 1:10,000

See Note on page 5.







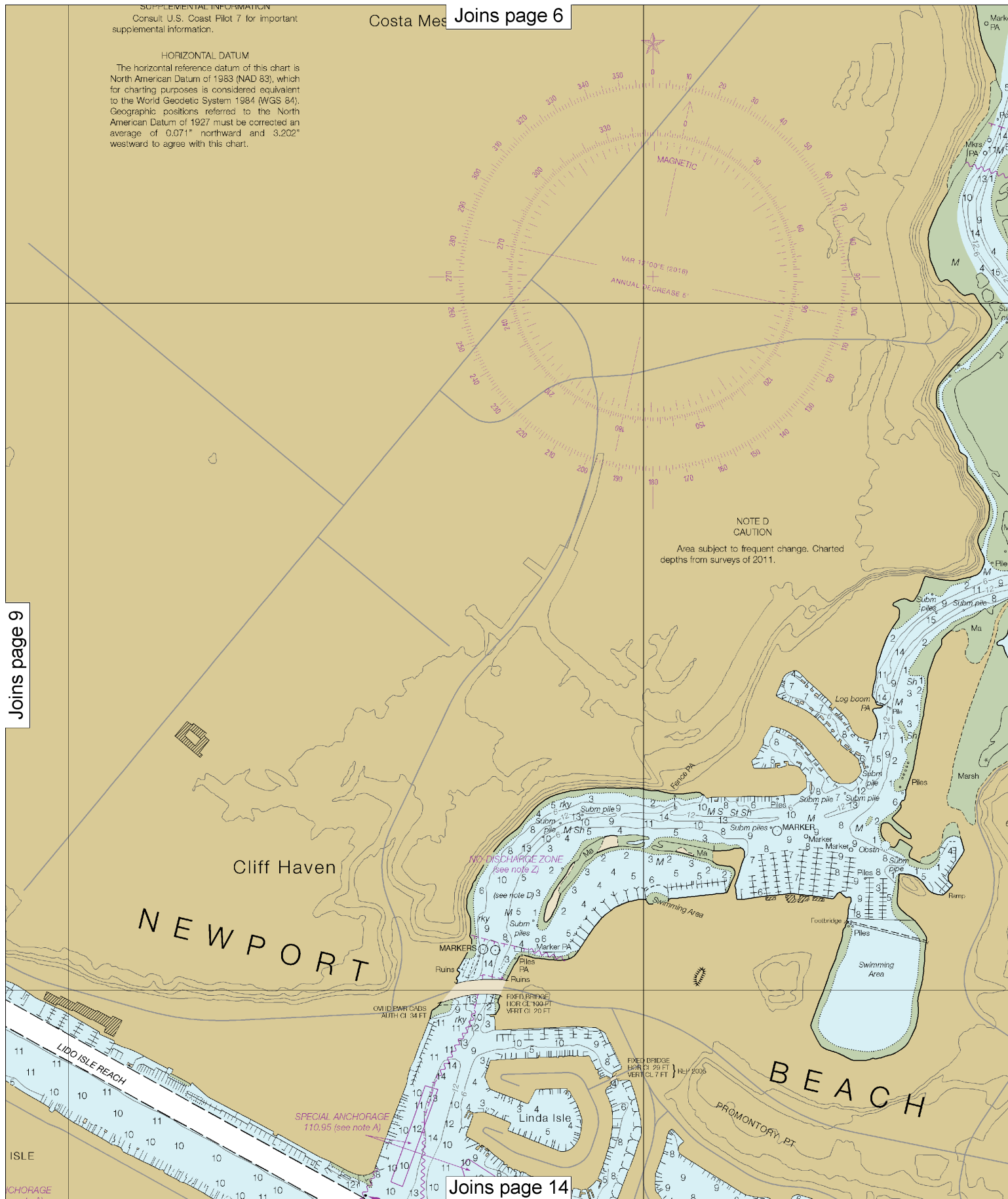
SUPPLEMENTAL INFORMATION  
Consult U.S. Coast Pilot 7 for important  
supplemental information.

#### HORIZONTAL DATUM

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Costa Mesa Joins page 6

Joins page 9



Joins page 14

10

Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:10,000  
Nautical Miles

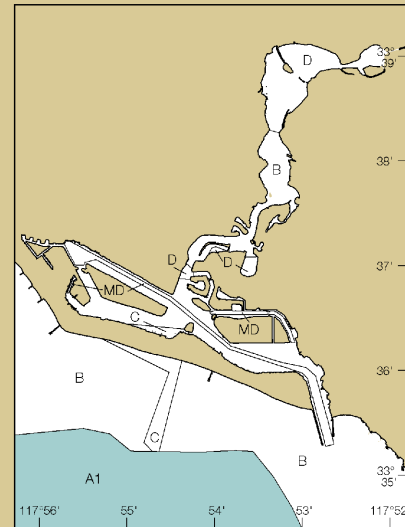
See Note on page 5.

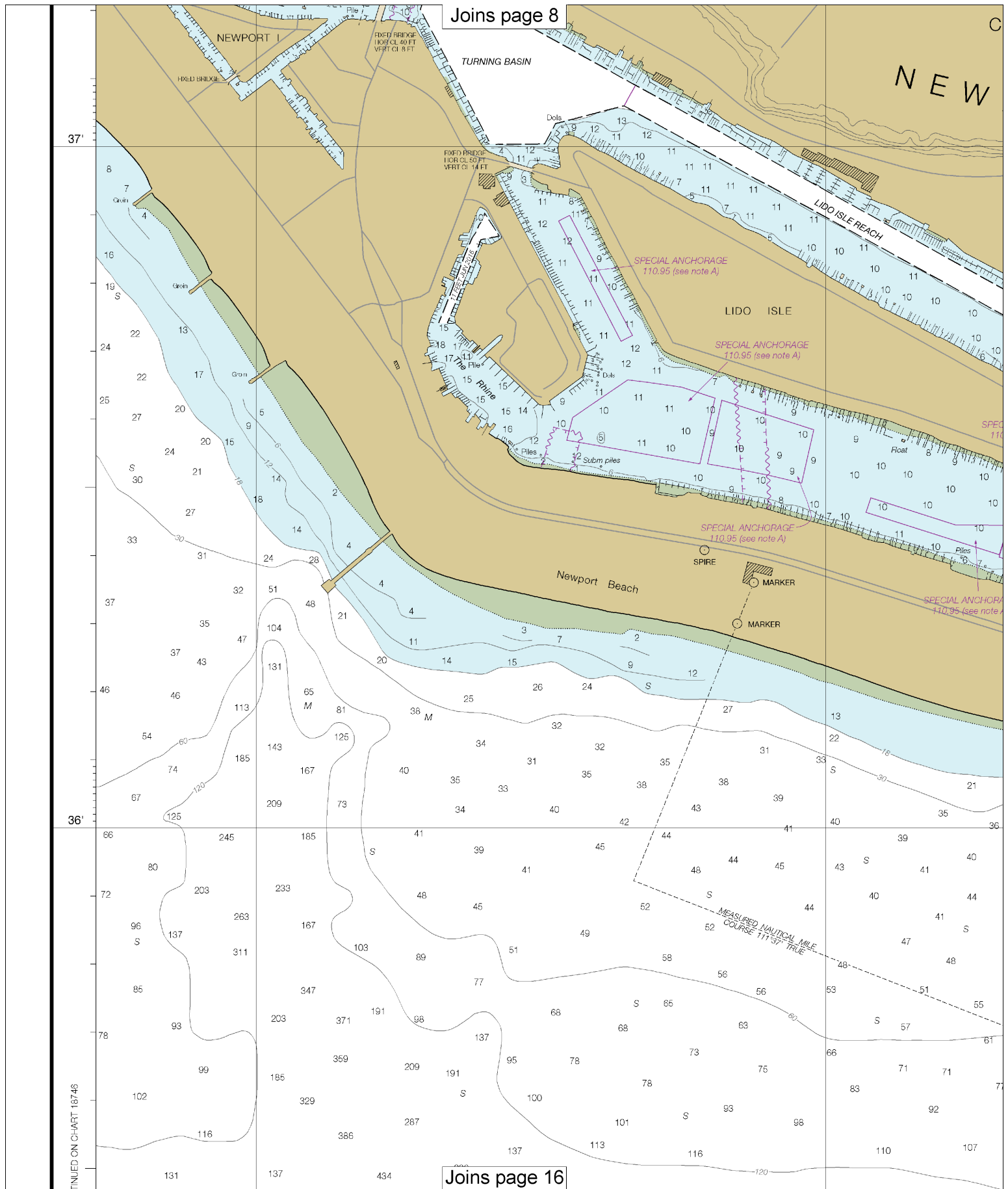
0  
Yards  
200 0 200 400 600 800 1000 1200

NEWPORT BAY CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUN 2015								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	18.0	21.0	19.0	7.0	6-15	500	0.8	20
CORONA DEL MAR DEND	17.0	21.0	21.0	16.0	6-15	200-300	0.3	20
RAI ROA REACH	17.0	17.0	17.0	17.0	6-15	200	0.5	20
HARDOR ISLAND REACH	16.0	17.0	17.0	16.0	6-15	200	0.7	20
LIDO IS F REACH	18.0	16.0	16.0	15.0	6-15	200	0.8	20
TURNING BASIN	11.0	15.0	16.0	16.0	6-15	200-1000	0.3	20
RAI ROA ISLAND, NORTH CHANNEL	6.0	10.0	10.0	7.0	6-15	200	0.9	10

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

ZOC CATEGORIES				
(Refer to Chapter 1, United States Coast Pilot)				
ZOC	DATE	POSITION ACCURACY	DEPTH ACCURACY	SEAFLOOR COVERAGE
A1	2008	± 16 ft	= 1.6 ft + 1% d	All significant seafloor features detected.
B	1979	± 164 ft	= 3.3 ft + 2% d	Uncharted features hazardous to surface navigation are not expected but may exist.
C	1939	± 1600 ft	= 6.6 ft + 2% d	Depth anomalies may be expected.
D	---	Worse than ZOC C	Worse than ZOC C	Large depth anomalies may be expected.
MD	Maintained Depth - See Chart			





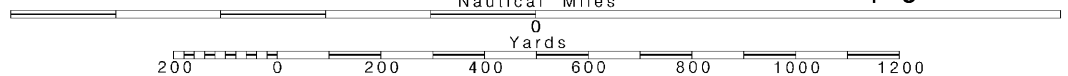
12

Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:10,000

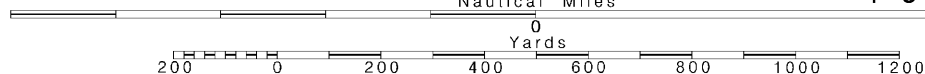
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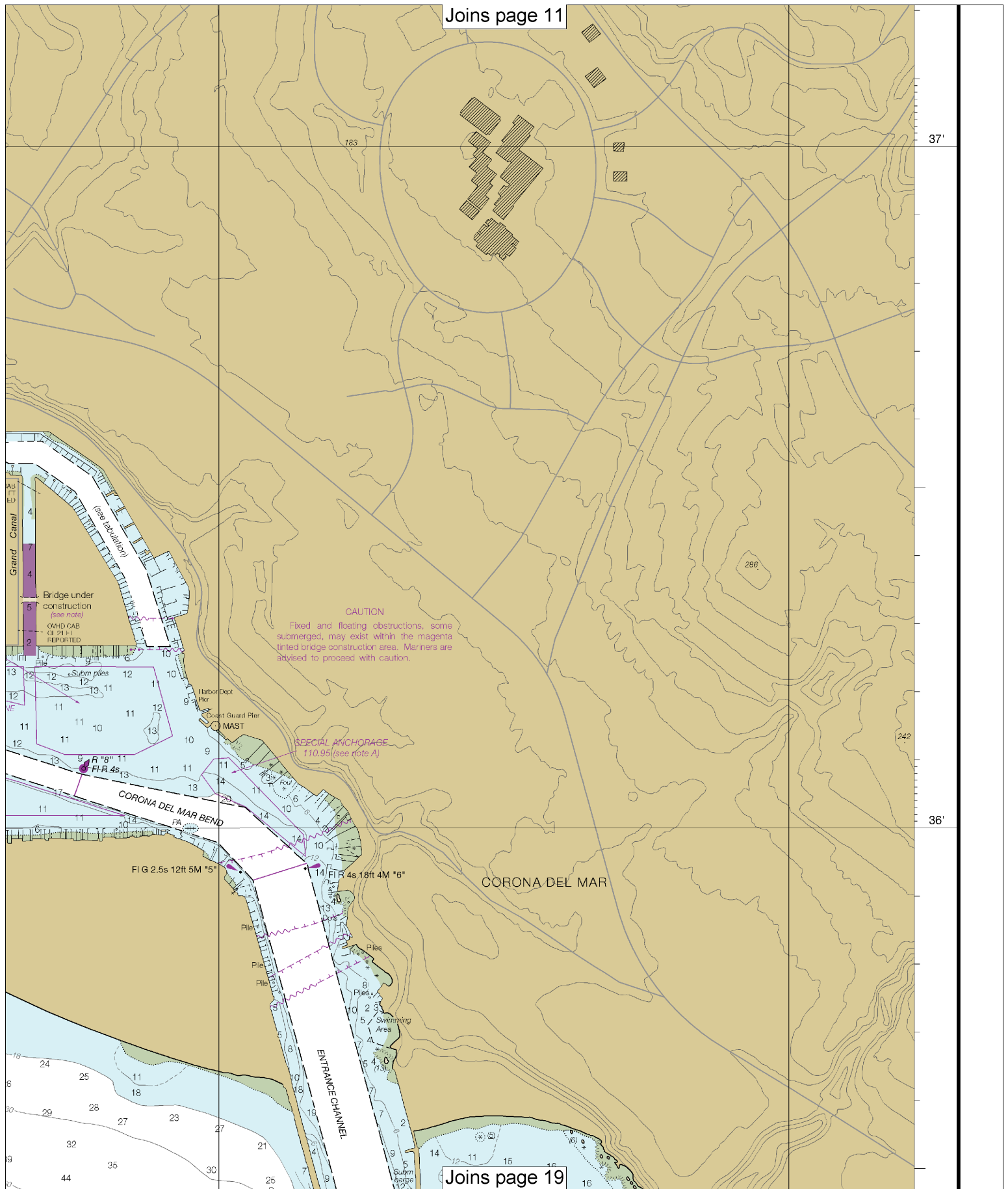






Note: Chart grid lines are aligned with true north.





Joins page 12

CONTINUED ON CHART 18746

33°

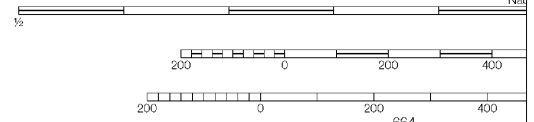
35'

117°56'17"W  
33°34'29"N

117°56'W

55'

# SAN PEDRO CHANNEL



CAUTION

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at [nauticalcharts.noaa.gov](http://nauticalcharts.noaa.gov).

SOUND

18754

20th Ed., Apr. 2016. Last Correction: 12/2/2016. Cleared through:  
LNM: 4816 (11/29/2016), NM: 5016 (12/10/2016)

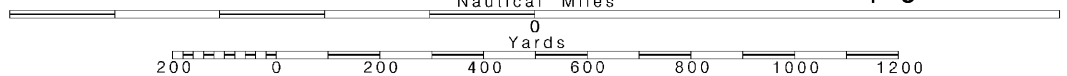
16

Note: Chart grid lines are aligned with true north.

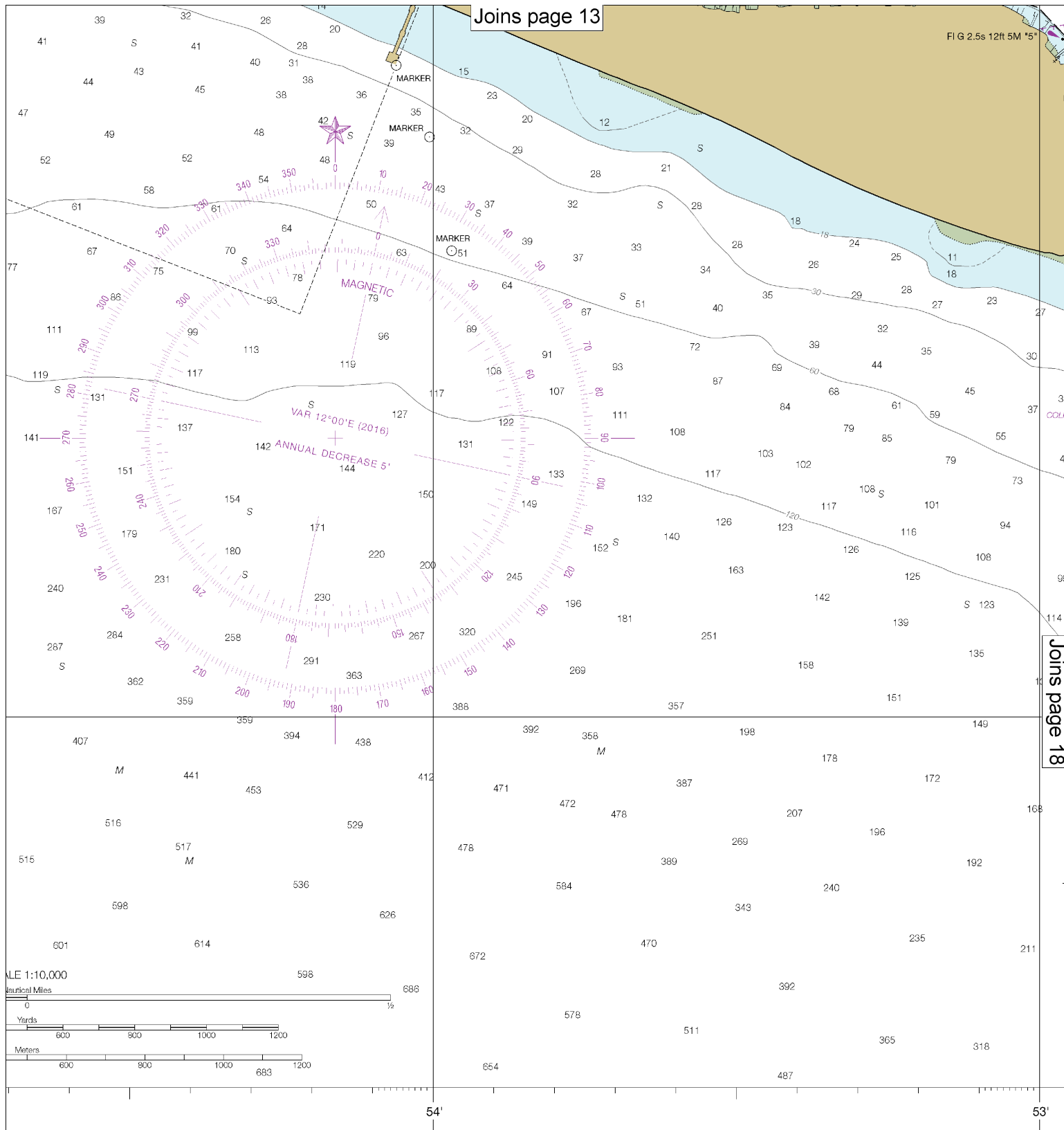
Printed at reduced scale.

SCALE 1:10,000  
Nautical Miles

See Note on page 5.







OUNDINGS IN FEET

Published at Washington, D.C.  
U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SERVICE  
COAST SURVEY

FATHOMS	1	2	3	4	5	6	7
FEET	6	12	18	24	30	36	42
METERS	1	2	3	4	5	6	7

NAUTICAL MILE  
1 3/4 TRUE

VEL

Join page 17

Join page 14

MARKER

MARKER

MARKER

MAGNETIC

VAR 12°00'E (2016)

142 ANNUAL DECREASE 5'

SCALE 1:10,000

Nautical Miles

Yards

Meters

55'

54'

**SOUNDINGS IN FEET**

Published at Washington, D.C.  
U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SERVICE  
COAST SURVEY

NAUTICAL MILE  
1 3/4 TRUE

VEL

Join page 17

Join page 14

MARKER

MARKER

MARKER

MAGNETIC

VAR 12°00'E (2016)

142 ANNUAL DECREASE 5'

SCALE 1:10,000

Nautical Miles

Yards

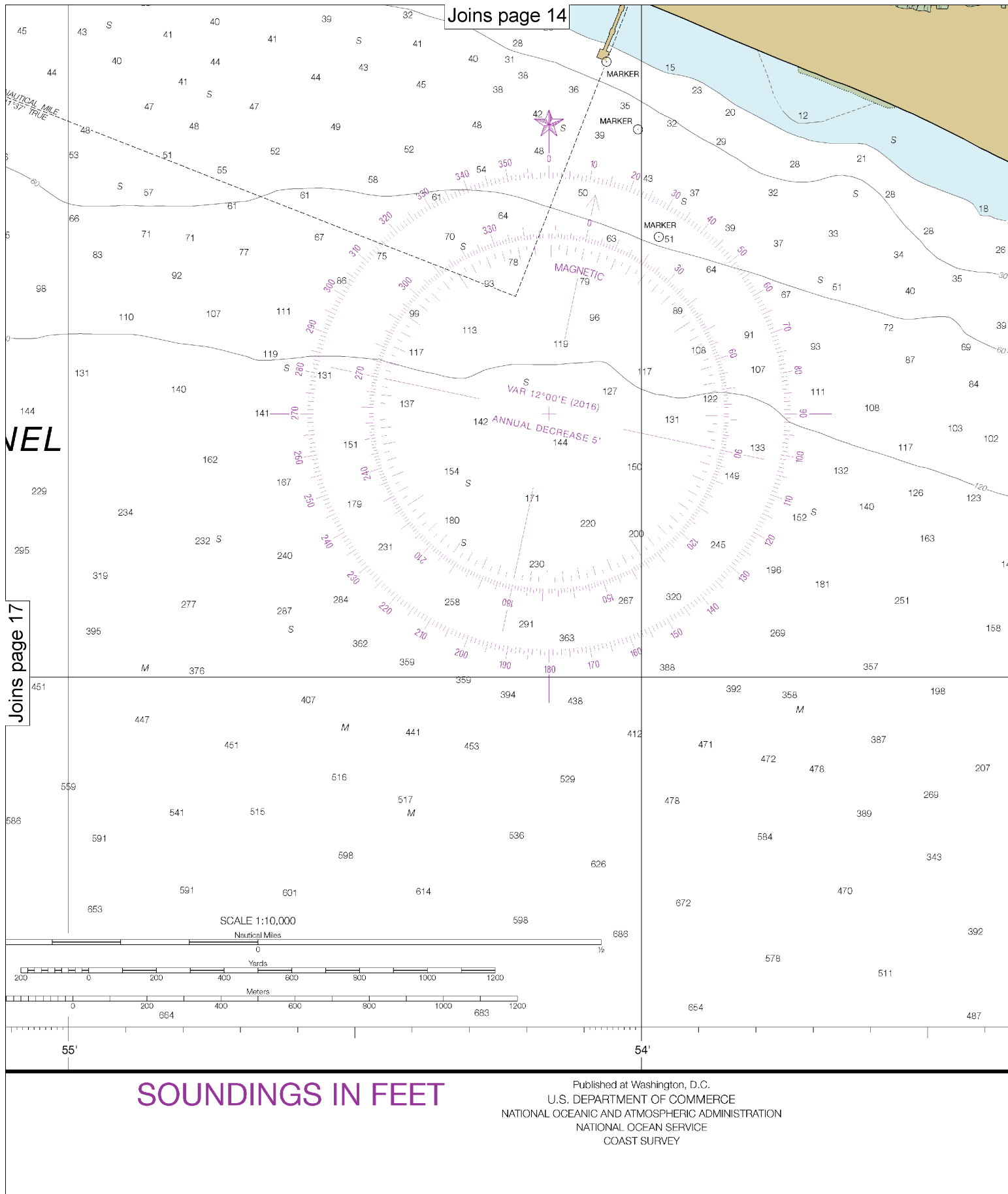
Meters

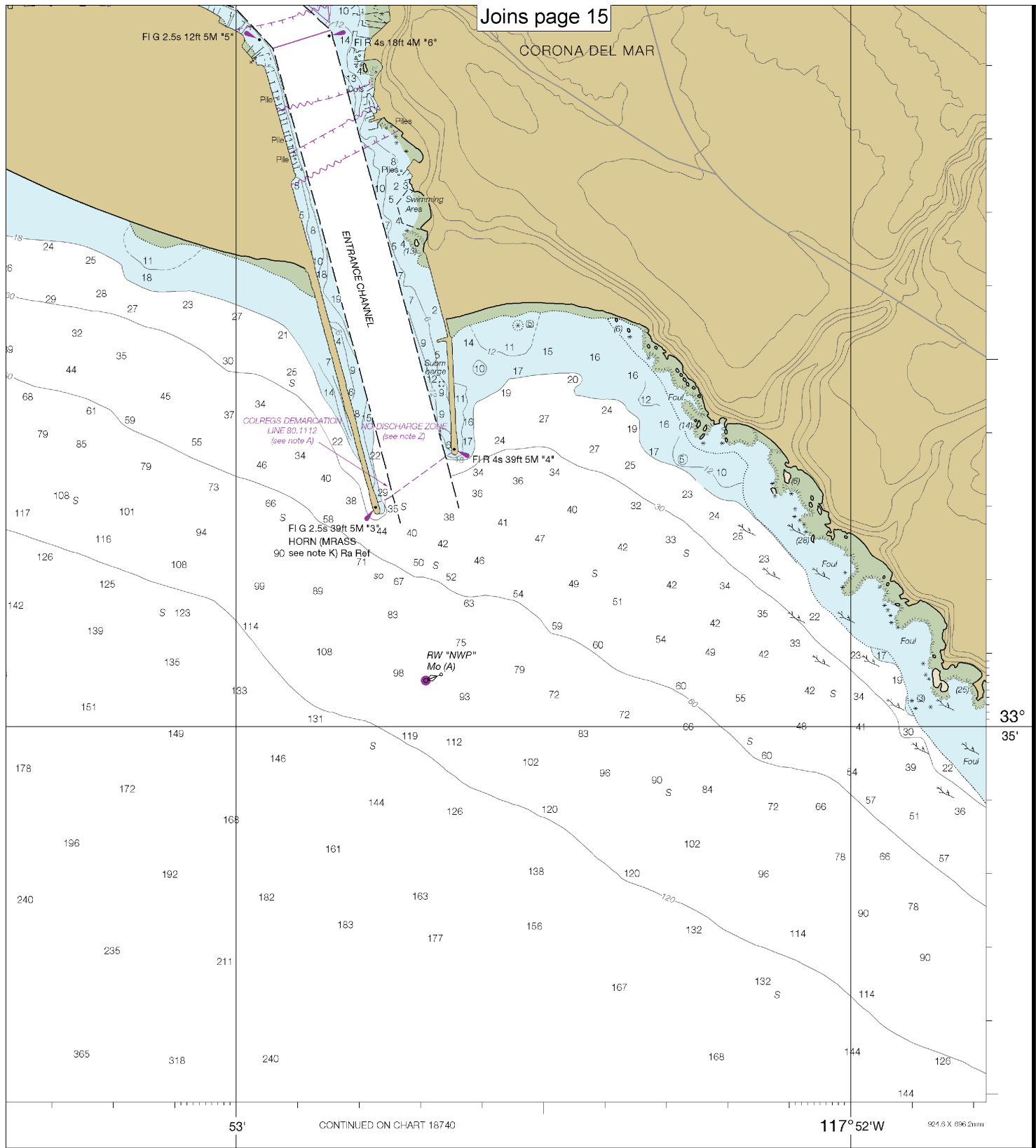
55'

54'

**SOUNDINGS IN FEET**

Published at Washington, D.C.  
U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SERVICE  
COAST SURVEY





FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Newport Bay  
SOUNDINGS IN FEET - SCALE 1:10,000

18754



## VHF Marine Radio channels for use on the waterways:

**Channel 6** – Inter-ship safety communications.

**Channel 9** – Communications between boats and ship-to-coast.

**Channel 13** – Navigation purposes at bridges, locks, and harbors.

**Channel 16** – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other

vessels. Contact the other vessel, agree to another channel, and then switch.

**Channel 22A** – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

**Channels 68, 69, 71, 72 and 78A** – Recreational boat channels.

**Getting and Giving Help** — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

## Distress Call Procedures

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- Release transmit button.
- Wait for 10 seconds — If no response Repeat MAYDAY call.

**HAVE ALL PERSONS PUT ON LIFE JACKETS!**



**NOAA Weather Radio All Hazards (NWR)** is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.

<http://www.nws.noaa.gov/nwr/>

## Quick References

Nautical chart related products and information	—	<a href="http://www.nauticalcharts.noaa.gov">http://www.nauticalcharts.noaa.gov</a>
Interactive chart catalog	—	<a href="http://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml">http://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml</a>
Report a chart discrepancy	—	<a href="http://ocsddata.ncd.noaa.gov/idrs/discrepancy.aspx">http://ocsddata.ncd.noaa.gov/idrs/discrepancy.aspx</a>
Chart and chart related inquiries and comments	—	<a href="http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs">http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs</a>
Chart updates (LNM and NM corrections)	—	<a href="http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html">http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html</a>
Coast Pilot online	—	<a href="http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm">http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm</a>
Tides and Currents	—	<a href="http://tidesandcurrents.noaa.gov">http://tidesandcurrents.noaa.gov</a>
Marine Forecasts	—	<a href="http://www.nws.noaa.gov/om/marine/home.htm">http://www.nws.noaa.gov/om/marine/home.htm</a>
National Data Buoy Center	—	<a href="http://www.ndbc.noaa.gov/">http://www.ndbc.noaa.gov/</a>
NowCoast web portal for coastal conditions	—	<a href="http://www.nowcoast.noaa.gov/">http://www.nowcoast.noaa.gov/</a>
National Weather Service	—	<a href="http://www.weather.gov/">http://www.weather.gov/</a>
National Hurricane Center	—	<a href="http://www.nhc.noaa.gov/">http://www.nhc.noaa.gov/</a>
Pacific Tsunami Warning Center	—	<a href="http://ptwc.weather.gov/">http://ptwc.weather.gov/</a>
Contact Us	—	<a href="http://www.nauticalcharts.noaa.gov/staff/contact.htm">http://www.nauticalcharts.noaa.gov/staff/contact.htm</a>



— For the latest news from Coast Survey, follow **@NOAAcharts**



This Booklet chart has been designed for duplex printing (printed on front and back of one sheet). If a duplex option is not available on your printer, you may print each sheet and arrange them back-to-back to allow for the proper layout when viewing.